

ATTORNEY DOCKET NO: 71205

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : BLOTENBERG
Serial No :
Confirm. No. :
Filed :
For : PROCESS FOR THE...
Art Unit :
Examiner :
Dated : January 22, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant requests that the Examiner consider references which have come to Applicant's attention based on a German Search Report or these reference have been known to Applicant and are cited in the introductory portion of the application.

DE 198 28 368 is discussed in the specification at pages 1 through 2 paragraph 2.

Applicant also cites US 6,164,901 which is the corresponding US application.

EP 0 810 358 is cited in the specification at page 2 paragraph 3. The reference corresponds to US 5,960,624 which is also cited on the attached PTO 1449 Form.

DE 100 12 380 is cited in the specification at page 2 through 3 paragraph number 4. US application 2001/0022938 is a corresponding US publication which is also cited on the attached PTO Form 1449.

EP 0 757 180 is cited in the specification at page 3 paragraph 5. US 5,765,991 is a

corresponding US patent which is also cited on the attached PTO Form 1449.

DE 198 01 041 discloses a method of operating a radial compressor set with intake and discharge flow control.

US 6,193,470 is a corresponding US document which is also cited on the attached 1449 Form.

DE 43 16 202 discloses a compressor control system with a method of monitoring the pumping limit of the turbo-compressor which has a leading diffuser and trailing diffuser. The setting angle of the diffusers are changed in operation. The pressure is on the inlet and outlet side as well as the volumetric flow as well as the setting angle of the trailing diffuser are measured and fed as measured values to a control device with data storage. Based on a pumping limit function as specified (see abstract) the controlled device determines an operating point of the turbo-compressor. No full translation of this reference is available to Applicant at this time. However, Applicant attaches a English language abstract.

DE 42 02 226 discloses a method of monitoring a pumping limit of a multistage turbocompressor with intermediate cooling. Applicant also attaches a copy of US 5,290,142 which is the related US publication which is also cited on the attached PTO 1449 Form.

DE 38 09 881 discloses a method of regulating to prevent surge in a turbocompressor. Applicant also cited US 4,946,343 which is a corresponding US publication.

DE 198 12 159 discloses a regulation of natural gas, using a turbocompressor in a pipe network with bypass line and regulating valve. The method involves using a deviation of the working point from a control line, the rate of change of the working point when approaching

the control line and the revolution data in using a controller based on these parameters to form a nonlinear control strategy. No full translation of this reference is available to Applicant at this time. However, Applicant attaches an English language abstract.

DE 35 44 822 discloses a method of controlling the surge limit of a turbocompressor. Applicant also cites US 4,831,535 which is the corresponding US document.

DE 35 40 087 discloses a method of controlling a turbocompressor. Applicant also cites corresponding US document 4,810,163.

DE 689 16 555 T2 discloses a method and an apparatus for preventing surge in a dynamic compressor. Applicant also cites the corresponding US document 4,949,276.

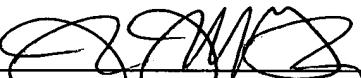
JP 07012090 discloses a surging generation preventive method for a compressor. The abstract document is in English.

DE 100 46 322 discloses a method for determining an internal combustion engine parameter.

Consideration of the references is requested.

Respectfully submitted
for Applicant,

By:



John James McGlew
Registration No. 31,903
McGLEW AND TUTTLE, P.C.

JJM:jms
71205.2

Enclosed: PTO-1449 Form
copies of (14) References

DATED: January 22, 2004
SCARBOROUGH STATION
SCARBOROUGH, NEW YORK 10510-0827
(914) 941-5600

SHOULD ANY OTHER FEE BE REQUIRED, THE PATENT AND TRADEMARK OFFICE IS HEREBY REQUESTED TO CHARGE SUCH FEE TO OUR DEPOSIT ACCOUNT 13-0410.

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, NO.: EV323629282US.

McGLEW AND TUTTLE, P.C.
SCARBOROUGH STATION, SCARBOROUGH, NY 10510-0827

BY: Jordan Fonte DATE: January 22, 2004

LIST OF REFERENCES CITED
BY APPLICANT
(Use several sheets if necessary)Atty Docket No.: 71205
Ser. No.:
Applicant: BLOTENBERG
Filing Date:
Group:

U.S. PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Name	Class	Sub- class	Filing Date
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	<u>US 4,825,380</u>	<u>Apr. 25, 1989</u>	<u>HOBBS</u>			<u>May 19, 1987</u>
	<u>US 6,164,901</u>	<u>Dec. 26, 2000</u>	<u>BLOTENBERG</u>			<u>June 18, 1999</u>
	<u>US 5,960,624</u>	<u>Oct. 5, 1999</u>	<u>BLOTENBERG</u>			<u>May 30, 1997</u>
	<u>US 2001/0022938 A1</u>	<u>Sep. 20, 2001</u>	<u>BLOTENBERG</u>			<u>Mar. 9, 2001</u>
	<u>US 5,765,991</u>	<u>June 16, 1998</u>	<u>BLOTENBERG</u>			<u>July 29, 1996</u>
	<u>US 6,193,470 B1</u>	<u>Feb. 27, 2001</u>	<u>AURBECK</u>			<u>Dec. 28, 1998</u>
	<u>US 5,290,142</u>	<u>Mar. 1, 1994</u>	<u>ISPAS et al.</u>			<u>Sep. 29, 1992</u>
	<u>US 4,810,163</u>	<u>Mar. 7, 1989</u>	<u>BLOTENBERG</u>			<u>Oct. 29, 1986</u>
	<u>US 4,949,276</u>	<u>Aug. 14, 1990</u>	<u>STAROSELSKY et al.</u>			<u>Aug. 14, 1990</u>
	<u>US 4,946,343</u>	<u>Aug. 7, 1990</u>	<u>BLOTENBERG</u>			<u>Mar. 9, 1989</u>
	<u>US 4,831,535</u>	<u>May 16, 1989</u>	<u>BLOTENBERG</u>			<u>Dec. 12, 1986</u>

FOREIGN PATENT DOCUMENTS

Ex- aminer Initial	Document No.	Date	Country	Class	Sub- class	Translation Yes/No
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	<u>DE 198 01 041 C1</u>	<u>Aug. 5, 1999</u>	<u>GERMANY</u>			<u>NO</u>
	<u>DE 43 16 202 C2</u>	<u>April 9, 1998</u>	<u>GERMANY</u>			<u>NO</u>

	<u>DE 42 02 226 C2</u>	<u>June 8, 1995</u>	<u>GERMANY</u>			<u>NO</u>
	<u>DE 38 09 881 C2</u>	<u>May 10, 1990</u>	<u>GERMANY</u>			<u>NO</u>
	<u>DE 198 12 159 A1</u>	<u>Sept. 29, 1999</u>	<u>GERMANY</u>			<u>NO</u>
	<u>DE 100 46 322 A1</u>	<u>April 11, 2002</u>	<u>GERMANY</u>			<u>NO</u>
	<u>DE 35 44 822 A1</u>	<u>June 19, 1987</u>	<u>GERMANY</u>			<u>NO</u>
	<u>DE 35 40 087 A1</u>	<u>May 14, 1987</u>	<u>GERMANY</u>			<u>NO</u>
	<u>JP 07012090 A</u>	<u>Jan. 17, 1995</u>	<u>JAPAN</u>			<u>YES</u> <u>ABSTRACT</u> <u>ONLY</u>
	<u>DE 198 28 368 C2</u>	<u>Oct. 18, 2001</u>	<u>GERMANY</u>			<u>NO</u>
	<u>EP 0 810 358 A2</u>	<u>Dec. 3, 1997</u>	<u>EUROPEAN</u>			<u>NO</u>
	<u>DE 100 12 380 A1</u>	<u>Sept. 20, 2001</u>	<u>GERMANY</u>			<u>NO</u>
	<u>EP 0 757 180 B1</u>	<u>Oct. 24, 2001</u>	<u>EUROPEAN</u>			<u>NO</u>
	<u>DE 689 16 555 T2</u>	<u>Oct. 20, 1994</u>	<u>GERMANY</u>			<u>NO</u>

Examiner

Date Considered